

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|------------------|
| S1 | 2356 | 370/328.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/15 17:40 |
| S2 | 6 | "736698".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/15 17:42 |
| S3 | 83961 | ((base adj2 station) radio\$base rbs) and ((mobile adj2 station) portable remote handheld) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/15 17:49 |
| S4 | 21350 | S3 and (channel link) with (quality condition type) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/15 17:51 |
| S5 | 4099 | S4 and modulation with (type scheme) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/15 17:52 |
| S6 | 1523 | S5 and buffer\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/15 17:52 |

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|-----|-------|--|---|----|----|------------------|
| S9 | 410 | S6 and (determi\$4 with modulation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/15 17:54 |
| S10 | 216 | S9 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 09:40 |
| S11 | 83961 | ((base adj2 station) radio\$base rbs) and ((mobile adj2 station) portable remote handheld) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 07:49 |
| S12 | 21350 | S11 and (channel link) with (quality condition type) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 10:10 |
| S13 | 4099 | S12 and modulation with (type scheme) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 09:38 |
| S14 | 1523 | S13 and buffer\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 07:49 |
| S15 | 410 | S14 and (determi\$4 with modulation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 07:49 |

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| S16 | 216 | S15 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 10:29 |
| S17 | 27 | S16 and pad\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 07:50 |
| S18 | 14 | S16 and (pad\$3 or fill\$3) near3 (bit character) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 08:44 |
| S19 | 1423 | (channel link) near4 quality and (amount size) near3 (data buffer\$3)and modulation near3 (type scheme) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 08:46 |
| S20 | 988 | S19 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 10:11 |
| S21 | 954 | S11 and adaptive near3 modulation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 10:10 |
| S22 | 469 | S21 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 10:11 |

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| S23 | 186 | S22 and (amount size) near4 data | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 10:20 |
| S24 | 189 | S22 and (amount size) near4 (data buffer\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 10:54 |
| S25 | 0 | S22 and (amount size) near4 (data buffer\$3) same less with ((transmission adj2 block adj2 size) or TBS) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 10:56 |
| S26 | 12 | S22 and (amount size) near4 (data buffer\$3) and ((transmission adj2 block adj2 size) or TBS) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 11:19 |
| S27 | 25 | S22 and (amount size) near4 (data buffer\$3) and ((transmission adj2 block) or TBS) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 12:18 |
| S28 | 2 | "6330288".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 12:10 |
| S29 | 2 | "6167031".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 12:10 |

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| S30 | 26 | S22 and (amount size quantity) near4 (data buffer\$3) and ((transmission adj2 block) or TBS) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 12:20 |
| S31 | 198 | S22 and (amount size quantity) near4 (data buffer\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 12:21 |
| S32 | 278 | S22 and (amount size quantity) same (data buffer\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 12:21 |
| S33 | 50 | (modulation with (type scheme) or (adaptive near3 modulation)) same (buffer with size) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 10:54 |
| S34 | 32 | S33 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 09:48 |
| S35 | 56 | (modulation with (type scheme) or (adaptive near3 modulation)) same ((buffer\$ queue) with size) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 07:41 |
| S36 | 34 | S35 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 12:56 |

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| S37 | 107 | (modulation with (type scheme) or (adaptive near3 modulation)) same ((buffer\$ queue) with (size amount)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 10:12 |
| S38 | 60 | S37 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 10:55 |
| S39 | 280 | (modulation with (type scheme) or (adaptive near3 modulation)) same (pad\$5 stuff\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 12:54 |
| S40 | 215 | S39 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 10:55 |
| S41 | 3926 | (modulation with (type scheme) or (adaptive near3 modulation)) same (pad\$5 stuff\$3 wad\$4 fill\$3 pack\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 12:55 |
| S42 | 1907 | (modulation with (type scheme) or (adaptive near3 modulation)) with (pad\$5 stuff\$3 wad\$4 fill\$3 pack\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 12:57 |
| S43 | 1003 | S42 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 12:57 |

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| S44 | 186 | (modulation with (type scheme) or (adaptive near3 modulation)) with (pad\$5 stuff\$3 wad\$4 fill\$3 packing) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 15:52 |
| S45 | 133 | S44 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 15:53 |
| S46 | 3451 | throughput with (pad\$5 stuff\$3 wad\$4 fill\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 16:36 |
| S47 | 2718 | S46 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 16:43 |
| S48 | 128 | S47 and modulation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 16:22 |
| S49 | 2 | "20030147371".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 16:23 |
| S50 | 2 | "7133379".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 16:26 |

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| S51 | 24 | throughput with (minimum near3 (pad\$5 stuff\$3 wad\$4 fill\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 16:41 |
| S52 | 4 | (transmission near4 size) with (minimum near3 (pad\$5 stuff\$3 wad\$4 fill\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 16:42 |
| S53 | 200 | (transmission near4 size) with ((pad\$5 stuff\$3 wad\$4 fill\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 16:47 |
| S54 | 145 | S53 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 16:47 |
| S55 | 17 | (transmission near4 size) with (minim\$3 with (pad\$5 stuff\$3 wad\$4 fill\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 16:52 |
| S56 | 9 | S55 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 16:53 |
| S57 | 45316 | (minim\$3 with (pad\$5 stuff\$3 wad\$4 fill\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 16:52 |

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| S58 | 39 | modulation with (minim\$3 with (pad\$5 stuff\$3 wad\$4 fill\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 16:57 |
| S59 | 29 | S58 and (@ad<="20021217" or @rad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 16:57 |
| S60 | 612 | modulation near4 ((pad\$5 stuff\$3 wad\$4 fill\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 10:28 |
| S61 | 459 | S60 and (@ad<="20021217" or @rad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 17:05 |
| S62 | 55 | S61 and ("370".clas. or "455".clas.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 17:05 |
| S63 | 2037 | modulation with ((pad\$5 stuff\$3 wad\$4 fill\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 17:05 |
| S64 | 181 | S63 and ("370".clas. or "455".clas.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 17:05 |

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| S65 | 140 | S64 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 17:36 |
| S66 | 5 | (transmission adj2 unit adj2 size) with ((pad\$5 stuff\$3 wad\$4 fill\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 10:25 |
| S67 | 82 | modulation near4 (type scheme) with((pad\$5 stuff\$3 wad\$4 fill\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 11:18 |
| S68 | 56 | S67 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 11:19 |
| S69 | 432 | modulation near4 (type scheme)same((pad\$5 stuff\$3 wad\$4 fill\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 11:17 |
| S70 | 84 | modulation near4 (type scheme choice chosen) with((pad\$5 stuff\$3 wad\$4 fill\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 11:19 |
| S71 | 448 | modulation near4 (type scheme choice chosen) same((pad\$5 stuff\$3 wad\$4 fill\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 12:03 |

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| S72 | 342 | S71 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 12:05 |
| S73 | 85 | S72 and ("370".clas. "455.clas") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 12:05 |
| S74 | 429260 | (reduc\$3 minim\$5) same((pad\$5 stuff\$3 wad\$4 fill\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 07:13 |
| S75 | 199648 | (reduc\$3 minim\$5) with((pad\$5 stuff\$3 wad\$4 fill\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 12:10 |
| S76 | 1361 | S75 and ("370".clas. "455.clas") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 12:58 |
| S77 | 1104 | S76 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 12:10 |
| S78 | 388 | (reduc\$3 minim\$5) with((pad\$5 stuff\$3 wad\$4 fill\$3)) same modulation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 13:17 |

EAST Search History

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| S79 | 325 | S78 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 12:17 |
| S80 | 29 | S79 and ("370".clas. "455.clas") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 12:16 |
| S81 | 1166 | (reduc\$3 minim\$5) same((pad\$5 stuff\$3 wad\$4 fill\$3)) same modulation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 12:16 |
| S82 | 98 | S81 and ("370".clas. "455.clas") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 07:32 |
| S83 | 84 | S82 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 12:48 |
| S84 | 103 | (transmission near4 size) same (modulation near4 (type scheme choice)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 12:53 |
| S85 | 54 | S84 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 12:59 |

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| S86 | 3 | (transmission near4 size) same (modulation near4 (type scheme choice))same (pad\$5 stuff\$3 fill\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 12:53 |
| S87 | 287 | S75 and ("341".clas.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/18 12:58 |
| S88 | 236 | S87 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 07:32 |
| S89 | 69337 | (pad\$5 stuff\$3 wad\$4 fill\$3) with (optim\$7 or optimal\$3 or efficien\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 09:44 |
| S90 | 54989 | S89 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 07:38 |
| S91 | 564 | S90 and ("370".clas. "455.clas" "458".clas.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 08:35 |
| S92 | 81490 | (pad\$5 stuff\$3 wad\$4 fill\$3 overhead) with (optim\$7 or optimal\$3 or efficien\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 07:38 |

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| S93 | 64236 | S92 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 08:48 |
| S94 | 1925 | S93 and ("370".clas. "455.clas" "458".clas.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 09:45 |
| S95 | 291 | S94 and (modulation with (type scheme) or (adaptive near3 modulation)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 08:48 |
| S96 | 11 | S91 and (transmission adj2 unit adj2 size) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 08:39 |
| S97 | 380 | Hashem .in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 08:40 |
| S98 | 3451 | (pad\$5 stuff\$3 wad\$4 fill\$3) with throughput | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 08:47 |
| S99 | 63 | S98 and (modulation with (type scheme) or (adaptive near3 modulation)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 08:48 |

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| S10 0 | 34 | S99 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 09:45 |
| S10 1 | 3007767 | (pad\$5 stuff\$3 wad\$4 fill\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 09:44 |
| S10 2 | 18732 | S101 and ("370".clas. "455.clas" "458".clas.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 13:03 |
| S10 3 | 15191 | S102 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 13:04 |
| S10 4 | 8663 | S103 and minim\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 09:46 |
| S10 5 | 364 | S104 and (channel adj2 quality) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 13:12 |
| S10 6 | 228 | S105 and buffer\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 13:01 |

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|----------|------|---|--|---|----|----|------------------|
| S10 7 | 1381 | S89 and minim\$3 near4 (pad\$4 stuff\$3) | | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 13:03 |
| S10 8 | 0 | S106 and minim\$3 near4 (pad\$4 stuff\$3) | | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 13:15 |
| S10 9 | 58 | S107 and ("370".clas. "455.clas" "458".clas.) | | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 13:13 |
| S11 0 | 47 | S109 and (@ad<="20021217" or @rlad<="20021217") | | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 13:13 |
| S11 1 | 0 | "l47" and (channel adj2 quality) | | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 13:12 |
| S11 2 | 0 | S107 and (channel adj2 quality) | | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 13:12 |
| S11 3 | 71 | S89 and (channel adj2 quality) | | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 13:19 |

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| S11 4 | 31 | S113 and ("370".clas. "455.clas" "458".clas.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 13:18 |
| S11 5 | 16 | S114 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 13:18 |
| S11 6 | 0 | S115 and minim\$3 near4 (pad\$4 stuff\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 13:17 |
| S11 7 | 82296 | (reduc\$3 minim\$5) near4 ((pad\$5 stuff\$3 wad\$4 fill\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 13:18 |
| S11 8 | 620 | S117 and ("370".clas. "455.clas" "458".clas.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 13:18 |
| S11 9 | 490 | S118 and (@ad<="20021217" or @rlad<="20021217") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 13:28 |
| S12 0 | 9 | S119 and (channel adj2 quality) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 14:05 |

EAST Search History

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|----------|-----|--|---|----|----|------------------|
| S12 1 | 36 | S119 and (modulation adj2 (type scheme)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 14:06 |
| S12 2 | 147 | S119 and (channel link) near4 (type characteristics quality) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 14:06 |
| S12 3 | 32 | S122 and (modulation adj2 (type scheme choice)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 14:07 |
| S12 4 | 25 | (US-20040184417-\$ or US-20040081181-\$ or US-20050180450-\$ or US-20040219923-\$ or US-20040198294-\$ or US-20030202478-\$ or US-20020080902-\$ or US-20060114935-\$ or US-20050153726-\$ or US-20060205425-\$ or US-20060146863-\$ or US-20060121856-\$ or US-20060176839-\$ or US-20020155853-\$ or US-20040109424-\$ or US-20030148780-\$ or US-20030022672-\$ or US-20020181436-\$).did. or (US-6570225-\$ or US-7050413-\$ or US-6359901-\$ or US-6088386-\$ or US-6553540-\$ or US-6721302-\$).did. or (EP-1381180-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2007/05/21 14:34 |
| S12 5 | 8 | S124 and Pad\$4 | US-PGPUB; USPAT; EPO | OR | ON | 2007/05/21 14:54 |
| S12 6 | 3 | S124 and (Pad\$4 and buffer\$3) | US-PGPUB; USPAT; EPO | OR | ON | 2007/05/21 15:14 |
| S12 7 | 10 | S124 and (channel adj2 quality) | US-PGPUB; USPAT; EPO | OR | ON | 2007/05/21 14:55 |
| S12 8 | 1 | S124 and pad\$4 and (channel adj2 quality) | US-PGPUB; USPAT; EPO | OR | ON | 2007/05/21 14:56 |

EAST Search History

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|----------|---|--|----------------------------|----|----|------------------|
| S12 9 | 0 | S124 and pad\$4 and (link adj2 quality) | US-PGPUB; USPAT; EPO | OR | ON | 2007/05/21 14:56 |
| S13 0 | 0 | S124 and pad\$4 and (transmission adj2 quality) | US-PGPUB; USPAT; EPO | OR | ON | 2007/05/21 14:56 |
| S13 1 | 2 | S124 and pad\$4 and ((transmission-cahnnel link) near3-quality) | US-PGPUB; USPAT; EPO | OR | ON | 2007/05/21 15:03 |
| S13 2 | 3 | S124 and pad\$4 and ((transmission-cahnnel link) near3 (quality characteristics)) | US-PGPUB; USPAT; EPO | OR | ON | 2007/05/21 15:03 |
| S13 3 | 4 | S124 and (Pad\$4 and (buffer\$3 memmory queue)) | US-PGPUB; USPAT; EPO | OR | ON | 2007/05/21 15:14 |